

## AMENDMENTS TO THE CLAIMS

1. (Currently amended) A data playback apparatus ~~which plays for playing back~~ digital data having a first data part which includes attribute information of the digital data, and a second data part which is subsequent to the first data part and in which compressively coded audio and video data are multiplexed, while receiving the digital data, said data playback apparatus comprising:
  - a receiver for receiving the digital data;
  - a buffer for ~~containing~~ storing the received digital data;
  - an analyzer for receiving the first data part in the stored digital data and analyzing the first data part;
  - a decoder for receiving the second data part in the stored digital data and decoding the compressively coded audio and video data together with separating the data; and
  - an display output unit for displaying outputting the audio and video data decoded by the said decoder, wherein
    - ~~the wherein said analyzer has a function of detecting is~~ operable to detect a data structure element having a predefined value from the first data part, and instructs
    - ~~theinstruct said receiver to stop its operation-receiving the digital data~~ when the data structure element is not detected.
2. (Currently amended) The data playback apparatus of Claim 1, wherein when said analyzer does not detect the data structure element is not detected, the said analyzer instructs the display is operable to instruct said output unit to display a message which indicates that the digital data cannot be played back.
3. (Currently amended) ~~The data playback apparatus of Claim 1 wherein~~ A data playback apparatus for playing back digital data having a first data part which includes attribute information of the digital data, and a second data part which is subsequent to the first data part and in which compressively coded audio and video data are multiplexed, while receiving the digital data, said data playback apparatus comprising:
  - a receiver for receiving the digital data;
  - a buffer for storing the received digital data;

an analyzer for receiving the first data part in the stored digital data and analyzing the first data part;

a decoder for receiving the second data part in the stored digital data and decoding the compressively coded audio and video data together with separating the data; and

an output unit for outputting the audio and video data decoded by said decoder,

the-wherein said analyzer compares-is operable to compare a first version number of digital data which are included in the-a data structure element (hereinafter referred to as a first version number)-having a predefined value from the first data part with a second version number which is previously set in the-said data playback apparatus-(hereinafter referred to as a second version number), and instructs the receiver-instruct said receiver to stop its operation-receiving the digital data when the first version number is larger than the second version number.

4. (Currently amended) The data playback apparatus of Claim 1 wherein A data playback apparatus for playing back digital data having a first data part which includes attribute information of the digital data, and a second data part which is subsequent to the first data part and in which compressively coded audio and video data are multiplexed, while receiving the digital data, said data playback apparatus comprising:

a receiver for receiving the digital data;

a buffer for storing the received digital data;

an analyzer for receiving the first data part in the stored digital data and analyzing the first data part;

a decoder for receiving the second data part in the stored digital data and decoding the compressively coded audio and video data together with separating the data; and

an output unit for outputting the audio and video data decoded by said decoder,

the-wherein said analyzer compares-is operable to compare a first version number of digital data which are included in the-a data structure element (hereinafter referred to as a first version number)-having a predefined value from the first data part with a second version number which is previously set in the-said data playback apparatus-(hereinafter referred to as a second version number), and instructs the display-instruct said output unit

to display a message which indicates that the digital data cannot be played back when the first version number is larger than the second version number.

5. (Currently amended) ~~The data playback apparatus of Claim 1 wherein~~ A data playback apparatus for playing back digital data having a first data part which includes attribute information of the digital data, and a second data part which is subsequent to the first data part and in which compressively coded audio and video data are multiplexed, while receiving the digital data, said data playback apparatus comprising:

a receiver for receiving the digital data;

a buffer for storing the received digital data;

an analyzer for receiving the first data part in the stored digital data and analyzing the first data part;

a decoder for receiving the second data part in the stored digital data and decoding the compressively coded audio and video data together with separating the data; and

an output unit for outputting the audio and video data decoded by said decoder,

~~the wherein said analyzer compares~~ is operable to compare a first version number of digital data which are included in the a data structure element (hereinafter referred to as a first version number) having a predefined value from the first data part with a second version number which is previously set in the said data playback apparatus (hereinafter referred to as a second version number), and instructs the display instruct said output unit to display inquire information which inquires of a user of the said data playback apparatus whether playback of the digital data is to be tried, when the first version number is larger than the second version number.

6. (Currently amended) ~~A data playback apparatus which plays for playing back~~ A data playback apparatus for playing back digital data having a first data part which includes attribute information of the digital data, and a second data part which is subsequent to the first data part and in which compressively coded audio and video data are multiplexed, while receiving the digital data, said data playback apparatus comprising:

a receiver for receiving the digital data;

a buffer for ~~containing~~ storing the received digital data;

an analyzer for receiving the first data part in the stored digital data and analyzing the first data part;

a decoder for receiving the second data part in the stored digital data and decoding the compressively coded audio and video data together with separating the data; and

~~a display for displaying an output unit for outputting the audio and video data decoded by the decoder, wherein~~

~~the wherein said analyzer detects is operable to detect a data structure element having a predefined value from the first data part, and changes change an operation mode of one of the said receiver, the said buffer, the said decoder and the displaysaid output unit, in accordance with information indicated by the data structure element.~~

7. (Currently amended) A data playback method by which digital data having a first data part, which includes attribute information of the digital data, and a second data part, which is subsequent to the first data part and in which compressively coded audio and video data are multiplexed, are played back while being received, said method comprising:

~~a first step of receiving the digital data;~~

~~a second step of receiving the first data part in the received digital data and judging whether or not a data structure element having a predefined value is in the first data part;~~

~~a third step of receiving the second data part in the received digital data and decoding the compressively coded audio and video data together with separating the data, only when the data structure element is detected-judged to be in the first data part in the second stepsaid judging; and~~

~~a fourth step of displaying-outputting the decoded audio or video data.~~

8. (Currently amended) A storage medium containing a software program which makes a computer execute a data playback method by which digital data having a first data part, which includes attribute information of the digital data, and a second data part, which is subsequent to the first data part and in which compressively coded audio and

video data are multiplexed, are played back while being received, said method comprising:

receiving the digital data;

receiving the first data part in the received digital data and judging whether or not a data structure element having a predefined value is in the first data part;

receiving the second data part in the received digital data and decoding the compressively coded audio and video data with separating to demultiplex the data, only when the data structure element is judged to be in the first data part in said judging; and

outputting the decoded audio or video data.~~the data playback method of Claim 7.~~

9. (Currently amended) The data playback apparatus of Claim 1, wherein the data structure element having the predefined value is positioned as a second data structure element in the first data part.

10. (Currently amended) A data structure having:

a first data part which includes attribute information of ~~the~~said data structure; and

a second data part which is subsequent to ~~the~~said first data part and in which compressively coded audio and video data are multiplexed, wherein:

the first data part includes playback suitability information which indicates to a data playback apparatus having restrictions on data playable targets under functional constraints that the data structure is suitable for playback by the data playback apparatus;  
and

the data playback apparatus is operable to read the first data part, and judge whether or not the playback of audio data or video data included in the second data part is possible, according to whether or not the playback suitability information is included in said first data part.

11. (Currently amended) The data structure of Claim 10, wherein:

the first data part is composed of first to N-th (N is an integer which is equal to 2 or larger) data structure elements; and

a second data structure element among the first to N-th data structure elements indicates the playback suitability information.

12. (Currently amended) The data structure of Claim 11, wherein the second data structure element is positioned at a head of the first data part or in the vicinity of the head.

13. (Currently amended) The data structure of Claim 12, wherein the first to N-th data structure elements each have identification number information indicating one of the first to N-th data structure elements.

14. (Currently amended) The data structure of Claim 11, wherein the data structure element has version information indicating a version of a data structure which includes the data structure element.

15. (Currently amended) The data structure of Claim 11, wherein the data structure element has extended data indicating handling information which indicates various kinds of handling for the data structure.